



US 20210056146A1

(19) **United States**

(12) **Patent Application Publication**
Pokorny et al.

(10) **Pub. No.: US 2021/0056146 A1**

(43) **Pub. Date: Feb. 25, 2021**

(54) **AUTOMATICALLY BUILDING A
SEARCHABLE DATABASE OF SOFTWARE
FEATURES FOR SOFTWARE PROJECTS**

(52) **U.S. Cl.**
CPC **G06F 16/953** (2019.01); **G06F 8/70**
(2013.01)

(71) Applicant: **RED HAT, INC.**, Raleigh, NC (US)

(72) Inventors: **Fridolin Pokorny**, Modry Kamen (SK);
Sanjay Arora, Jersey City, NJ (US);
Christoph Goern, Bonn (DE)

(21) Appl. No.: **16/545,468**

(22) Filed: **Aug. 20, 2019**

Publication Classification

(51) **Int. Cl.**
G06F 16/953 (2006.01)
G06F 8/70 (2006.01)

(57) **ABSTRACT**

A searchable database of software features for software projects can be automatically built in some examples. One such example can involve analyzing descriptive information about a software project to determine software features of the software project. Then a feature vector for the software project can be generated based on the software features of the software project. The feature vector can be stored in a database having multiple feature vectors for multiple software projects. The multiple feature vectors can be easily and quickly searched in response to search queries.

